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21912 7590 09/30/2004

VAN PELT & YI LLP
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CUPERTINO, CA 95014

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12/09/2004 MWOLDGE2 00000084 122252 10057774

01 FC:1501 1370.00 DA

Manu Kashyap (Depositor's name)
(Signature)
(Date) 12/7/04

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/057,774	01/22/2002	Steven W. McLaughlin	CALMP044	9625

TITLE OF INVENTION: ADVANCED FORWARD ERROR CORRECTION

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	50	\$1330	12/30/2004

EXAMINER	ART UNIT	CLASS-SUBCLASS
TU, CHRISTINE TRINH LE	2133	714-709000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list
(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

LSI Logic Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Milpitas, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee
☐ Publication Fee (No small entity discount permitted)
☐ Advance Order - # of Copies

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- ☐ A check in the amount of the fee(s) is enclosed.
☐ Payment by credit card. Form PTO-2038 is attached.

☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 12-2252 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above.
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Authorized Signature Henry Groth
Typed or printed name Henry Groth

Date 12/7/04
Registration No. 39,696

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Patent Fees are subject to annual revision on October 1.
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Small Entity payments must be supported by a small entity statement,
otherwise large entity fees must be paid. See Forms PTO/SB/09-12.
See 37 C.F.R. 1.27 and 1.28.

TOTAL AMOUNT OF PAYMENT (\$)**1330.00**

Complete if Known	
Application Number	10/057,774
Filing Date	January-22, 2002
First Named Inventor	Steven W. McLaughlin
Group Art Unit	2133
Examiner Name	Christine Tu
Attorney Docket No.	P044 / 03-2471

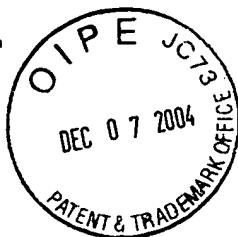
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METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payment to: Deposit Account Number 12-2252 Deposit Account Number LSI LOGIC CORPORATION <input checked="" type="checkbox"/> Charge Any Additional Fee required Under 37 <input checked="" type="checkbox"/> Charge the Issue Fee Set in 37 C.F.R. 1.18 at the Mailing of the Notice of		3. ADDITIONAL FEES	
2. <input type="checkbox"/> Payment Enclosed: <input type="checkbox"/> Check <input type="checkbox"/> Money Order <input type="checkbox"/> Other			
FEE CALCULATION			
1. BASIC FILING FEE			
Large Fee Code	Entity Fee Code	Large Fee Code	Entity Fee Code
101	790	201	395
106	330	206	185
107	540	207	270
108	790	208	395
114	150	214	75
SUBTOTAL (1) (\$) 0.00			
2. EXTRA CLAIM FEES			
Total claim <input type="text"/> -20**= <input type="text"/> X <input type="text"/> = <input type="text"/>			
Independent Claims <input type="text"/> -3**= <input type="text"/> X <input type="text"/> = <input type="text"/>			
Multiple Dependent <input type="text"/> = <input type="text"/>			
**or number previously paid, if greater; For Reissues, see below			
Large Fee Code	Entity Fee Code	Large Fee Code	Entity Fee Code
103	22	203	11
102	82	202	41
104	270	204	135
109	82	209	41
110	22	210	11
SUBTOTAL (2) (\$) 0.00			
		Fee Description	
		Fee Paid	
		105 130 205 65 Surcharge - late filing fee or oath	
		127 50 227 25 Surcharge - late provisional filing fee or cover sheet	
		139 130 139 130 Non-English specification	
		147 2,520 147 2,520 For filing request for reexamination	
		112 920* 112 920 Requesting publication of SIR prior to Examiner action	
		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
		115 110 215 55 Extension for reply within first month	
		116 400 216 200 Extension for reply within second month	
		117 950 217 475 Extension for reply within third month	
		118 1510 218 755 Extension for reply within fourth month	
		128 2,080 228 1,030 Extension for reply within fifth month	
		119 310 219 155 Notice of Appeal	
		120 310 220 155 Filing a brief in support of an appeal	
		121 270 221 135 Request for oral hearing	
		138 1,510 138 1,510 Petition to institute a public use proceeding	
		140 110 240 55 Petition to revive - unavoidable	
		141 1,320 241 660 Petition to revive - unintentional	
		142 1,320 242 660 Utility issue fee (or reissue) 1330	
		143 450 243 225 Design issue fee	
		144 670 244 335 Plant issue fee	
		122 130 122 130 Petitions to the Commissioner	
		123 50 123 50 Petitions related to provisional application	
		126 240 126 240 Submission of Information Disclosure Statement	
		581 40 581 40 Recording each patent assignment per property (times number of properties)	
		146 790 246 395 Filing a submission after final rejection (37 CFR 1.129 (a))	
		149 790 249 395 For each additional invention to be examined (37 CFR 1.129 (b))	
		Other fee (specify) PUBLICATION FE	
		Other fee (specify)	
SUBTOTAL (3) (\$)1330.00			

SUBMITTED BY		Complete (if applicable)	
Typed or printed name	Henry Groth	Reg. Number	39,696
Signature	<i>Henry Groth</i>	Deposit Account User ID	
Date	12/7/04		

LSI LOGIC

FAX



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LSI Logic Corporation
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1621 Barber Lane, MS D-106
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Date December 7, 2004Number of pages including cover sheet 3To: US PTO, Mail Stop Issue FeeFax No. 703-746-4000

Phone No. _____

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From: Manu KashyapIntellectual Property ParalegalTelephone No. (408) 433-7475Fax No. (408) 433-7460

REMARKS:

☐ Urgent☒ For your review☒ Reply ASAP☐ Please comment

Application Number: 10/057,774
Filing date: 1/22/2002
First named inventor: Steven W. McLaughlin
Attorney docket number: 03-2471

Transmitted herewith for filing via facsimile:

- Fee Transmittal, PTO/SB/17 (in duplicate)
- Part B – Fee(s) Transmittal PTOL-85 (in duplicate)

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Manu Kashyap

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